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| M  | A,A         | 3,735,049                           | 05-22-73      | Buchner et al.  | 179370        | 1 <del>5 AQ</del> | 229                     |            |
| M  | AB          | 3,736,381                           | 05-29-73      | Johnson et al.  | 179370        | 15 AQ             | 370                     |            |
| MN   | AC          | 3,927,267                           | 12-16-75      | Voyer et al.  | 270370        | 15-AT             | 37/                     |            |
| M  | AD          | 4,967,405                           | 10-30-90      | Upp et al.  | 376398        | X 50              |                         |            |
|  | AE          |                                     |               |   |               |                   |                         |            |
| ·  | AF          |                                     |               |   |               |                   |                         |            |
|  | AG          |                                     |               |   |               |                   |                         |            |
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|  | AM          |                                     |               |   |               |                   |                         |            |
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| KN   | AR          |                                     |               | eable Three-Stage Conne<br>nal, Vol. XLI, No. 5, S                            |               |                   |                         | •          |
| MN   | AS          |                                     |               | Non-Blocking Switching<br>March 1953, pp. 406-424                             |               | ks," Be           | ell                     |            |
| MN   | AT          | optical network:                    | ing systems   | duces cross-connect sh:<br>," 1999, http://www.ch:<br>scan/mn00e/mn00e016.htm | ipcenter      | c.com/            | eed                     |            |
| Mr   | <b>)</b> AU |                                     |               | ignal Cross-Connect) Syom/exchangemax/fact_she                                |               |                   | s-3.pdf                 | ,          |
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| m~   | AE   | 3,576,398              | 4/27/71       | Dejean et al.  | 279379   | 28137                                 |                        |             |
| no   | AF   | 3,632,883              | 1/4/72        | Augaard  | 370 وجدر | 25368                                 |                        |             |
| yw   | AG   | 3,832,492              | 8/27/74       | Charransol et al.  | 179370   | 25372                                 |                        |             |
| ms   | АН   | 4,004,103              | 1/18/77       | Liu et al.   | 279379   | 28274                                 |                        |             |
| BN   | AI   | 4,035,584              | 7/12/77       | Lurtz  | 219370   | 25 370                                | )                      |             |
| MN   | AJ   | 4,038,638              | 7/26/77       | Hwang  | 340      | 1662.2                                | a                      |             |
| MN   | AK   | 4,123,624              | 10/31/78      | Gagnier et al.   | 179370   | 25 364                                |                        |             |
| MN   | AA2  | 4,394,541              | 7/19/83       | Seiden   | 179340   | 182.22                                | -                      |             |
| Ma   | AB2  | 4,470,139              | 9/4/84        | Munter   | 370      | £6 3.63                               |                        |             |
| nx   | AC2  | 4,566,007              | 1/21/86       | Richards   | 340      | 825.8                                 | 2.20                   | · <i>t</i>  |
| MN   | AD2  | 4,764,918              | 8/16/88       | Waters   | 370      | 1/250                                 | 2                      |             |
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| BU   | AE2   | 4,771,420              | 9/13/88       | Deschaine et al.                         | 370           | £8376         |                        |             |  |
| NN   | AF2   | 4,797,589              | 1/10/89       | Collins                                  | 210398        | 53 46         |                        |             |  |
| 13N  | AG2   | 4,817,083              | 3/28/89       | Richards                                 | 370           | 159 369       |                        |             |  |
| BN   | AH2   | 4,849,964              | 7/18/89       | Van Baardewijk                           | 370           | \$370         |                        |             |  |
| mo   | AI2   | 4,935,921              | 6/19/90       | Ishizaki <i>et al</i> .                  | 370           | .58-1         | 366                    |             |  |
| MN   | AJ2   | 5,040,170              | 8/13/91       | Upp et al.                               | 359398        | 12550         |                        |             |  |
| mx   | AK2   | 5,111,414              | 5/5/92        | Arrathoon                                | 364708        | 223/91        |                        |             |  |
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| PE                                  | JC.96    | CITATION<br>IN AN APPLICATION          |              | APPLICANT William J. Dally                   |               |               |                        |             |  |
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| KN                                  | ААЗ      | 5,144,297                              | 9/1/92       | Ohara  | 340           | 825-79        | 2.29                   | 60          |  |
| MN                                  | AB3      | 5,189,410                              | 2/23/93      | Kosugi et al.                                | 340           | 825 14        | 825                    | .2          |  |
| nn                                  | AC3      | 5,311,506                              | 5/10/94      | Beisel                                       | 370           | 58-1          | 378                    | 3           |  |
| un                                  | AD3      | 5,323,390                              | 6/21/94      | Pawelski                                     | 370           | 83371         |                        |             |  |
| m                                   | 'AE3     | 5,345,441                              | 9/6/94       | Paker et al                                  | 370           | 84358         |                        |             |  |
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| M                             | AF3  | 5,408,231                                       | 4/18/95                                | Bowdon                     | 340  | 828           | 2.2                                   | 2           |  |
| ap                            | AG3  | 5,430,716                                       | 7/4/95                                 | Pawelski                   | 370  | 58-1          | 388                                   |             |  |
| ma                            | АН3  | 5,436,890                                       | 7/25/95                                | Read et al.                | 370  | .58.2         | 352                                   |             |  |
| MW                            | AI3  | 5,469,154                                       | 11/21/95                               | Karp                       | 340  | 825.8         | 2.2                                   | 2           |  |
| Mal                           | AJ3  | 5,526,359                                       | 6/11/96                                | Read et al.                | 370  | 100-1         | 516                                   |             |  |
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| 40   | АКЗ   | 5,629,932       | 5/13/97                                      | Kim                        | 370           | 382           | 11                    |              |  |  |
| AN<br>MV   | AA4   | 5,987,027       | 11/16/99                                     | Park et al.                | 370           | 360           | 1                     |              |  |  |
| MN   | AB4   | 6,034,947       | 3/7/00                                       | Yoshida et al.             | 370           | 244           |                       |              |  |  |
| IN   | AC4   | 6,041,055       | 3/21/00                                      | Chopping                   | 370           | 391           |                       |              |  |  |
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